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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: P. Doughty, *et al.*  
INTERNATIONAL PCT/GB2004/002980 EXAMINER: TBD  
APP. NUMBER:  
INTL.FILING DATE: 9 July 2004 ART UNIT: TBD  
FOR: Ionising Radiation Detector

January 12, 2006  
Boston, Massachusetts

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Applicants submit herewith a Preliminary Amendment for the above-identified patent application. Applicants believe that no fee is required for the filing of the present paper. However, the Commissioner is hereby authorized to charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 28158-502-059.

Please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks** begin on page 14 of this paper.